LIBRARY AND INFO SCIENCE

UGC NET JUNE 2025

QUESTIONS WITH SOLUTIONS

SAKET SHARMA

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Achievements of the Telegram Channel – UGC NET June 2025 Results:

Our community continues to grow and inspire! Based on poll analyses and direct feedback, we proudly share the following achievements from the June 2025 cycle:

- JRF Achievers: 30 members secured the prestigious Junior Research Fellowship (JRF)
- NET Qualifiers: 85 members cleared the Assistant Professor (NET) cutoff
- PhD Cutoff Achievers: 75 members successfully qualified for the PhD cutoff

Your consistent efforts and dedication are truly commendable!

📌 Note: Stay connected through the channels below to receive the latest updates, versions, and additional study resources.

Author and Designer:

Saket Sharma
Library Assistant
Central Sanskrit University, New Delhi

Website : http://www.saketsharma.com
Telegram Channel: https://t.me/UGCNETJRF2024JUNE
LinkedIn: https://www.linkedin.com/in/saket-sharma-3362b7b5
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PAPER 2 LIBRARY AND INFORMATION SCIENCE SOLUTIONS

101. In the **Chain Procedure**, which type of link does **not represent a subject with a definite name**?

1. Missing
2. Unsought
3. False
4. Sought

Correct Option 3: False

102. Arrange the following Protocols **chronologically** in order of their origin:

A. TCP/IP
B. IPv6
C. HTTP
D. FTP
E. HTTPS

Choose the correct answer from the options given below:

1. B, D, A, E, C
2. A, D, B, C, E
3. D, A, C, E, B
4. D, B, A, E, C

Correct Option 3: D, A, C, E, B

103. Which **visualization feature** in *Web of Science* helps identify **relationships between citing and cited articles**?

1. Citation Network Graph
2. Citation Report
3. Research Impact Score
4. Journal Metrics Map

Correct Option 4. Journal Metrics Map

104. Which of the following databases are **commonly used in Health Science academic libraries**?

A. PubMed
B. CINAHL
C. HeinOnline
D. ASME Journals
E. Scopus

Choose the correct answer from the options given below:

1. B, C & D only

2. A, C & D only
3. A, B & E only
4. A, D & E only

Correct Option 3. A, B & E only

105. Sequence the actions for implementing a **Virtual Reference Service** in a **Special Library**:

A. Train the staff
B. Launch service portal
C. Identify user needs
D. Monitor and improve service
E. Select virtual reference software

Choose the correct answer from the options given below:

1. C, E, A, B, D
2. D, C, B, A, E
3. C, A, E, D, B
4. A, D, C, E, B

Correct Option 1: C, E, A, B, D

106. Arrange the following **Open Access Initiatives / Policy Statements** according to the **year of their adoption/declaration at the international level**:

A. The Coalition of Open Access Policy Institutions
B. The Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities
C. The Budapest Open Access Initiative
D. Scholarly Publishing and Academic Resources Coalition
E. Scottish Open Education Declaration

Choose the correct answer from the options given below:

1. C, D, A, E, B
2. **D, C, B, A, E**
3. C, A, D, E, B
4. C, D, E, B, A

Correct Option 2: D, C, B, A, E

107. As per the **Annexure of Colon Classification, 6th Revised Edition**, in which **Main Classes** was the concept of **Telescoped Facet** introduced?

1. J – Agriculture and KX – Animal Husbandry
2. D – Engineering and L – Medicine
3. **T – Education and V – History**

4. D – Engineering and S – Psychology

Correct Option 3: T – Education and V – History

108. Under the **UGC Plagiarism Regulations**, what is the **penalty for Level 2 plagiarism (40–60%)**?

1. Rejection of the thesis or dissertation
2. **Debarring the student from submitting a revised script for one year**
3. Cancellation of the student's registration
4. No penalty

Correct Option: 2. Debarring the student from submitting a revised script for one year

109. Arrange the following **areas of access points** in their proper sequence as given in **ISBD**:

A. Edition
B. Notes
C. Title
D. Publication
E. Material specific details

Choose the correct answer from the options given below:

1. B, D, A, C, E
2. D, A, B, E, C
3. A, C, E, B, D
4. **C, A, E, D, B**

Correct Option: 4. C, A, E, D, B

110. Controlled vocabularies fall broadly into which of the following categories?

A. Subject Heading Lists
B. Thesauri
C. Folksonomies
D. Ontologies
E. Information Society

Choose the correct answer from the options given below:

1. A, C and D only
2. **A, B and D only**
3. B, D and E only
4. C, D and E only

Correct Option: 2. A, B and D only

111. Arrange the following **bibliographic utilities/institutions** according to their **year of origin**:

A. Resource Description and Access
B. Research Libraries Group
C. Ohio College Library Center
D. Western Library Network
E. Library of Congress

Choose the correct answer from the options given below:

1. D, B, E, A, C
2. B, E, A, D, C
3. E, A, B, C, D
4. **E, C, D, B, A**

Correct Option 4 : E, C, D, B, A

112. Arrange the following **steps in the application of POPSI** in **logical order**:

A. Standardization
B. Formalisation
C. Preparation of EOC
D. Analysis
E. Modulation

Choose the correct answer from the options given below:

1. **D, B, E, A, C**
2. B, E, A, D, C
3. C, A, B, E, D
4. A, B, D, C, E

Correct Option : 1. D, B, E, A, C

113. For implementing **Single Pair Ethernet (SPE)** in **modern digital libraries** for **IoT devices**, which **IEEE 802.3 project** would most appropriately be referenced?

1. **IEEE P802.3da**
2. IEEE P802.3dk
3. IEEE P802.3dm
4. IEEE 802.2a

Correct Option : 1. IEEE P802.3da

114. What is the primary purpose of the **ALTO XML schema**, which is used with the **Library of Congress' METS (Metadata Encoding and Transmission Schema)**?

1. To encode audio metadata for digital libraries
2. To manage video content in multimedia archives

3. To standardize bibliographic records in library catalogues
4. **To describe the layout and content of physical text resources, such as pages of a book or newspaper**

Correct Option : 4. To describe the layout and content of physical text resources, such as pages of a book or newspaper

115. Poole's "Index to Periodical Literature" was brought out by:

1. H. P. Luhn
2. **William Frederick**
3. F. W. Lancaster
4. Van Rijsbergen

Correct Option: 2. William Frederick

116. Match the MARC format data (List I) with the corresponding MARC TAG (List II):

List I – Data Type	**List II – MARC Tag**
A. Physical Description Fixed Field	I. 510
B. Patent Control Information	II. 013
C. Creation / Reference Note	III. 007
D. Non-MARC Information Field	IV. 887

Choose the correct answer from the options given below:

1. A–III, B–II, C–III, D–IV
2. A–III, B–II, C–I, D–IV
3. **A–III, B–II, C–IV, D–I**
4. A–IV, B–II, C–III, D–I

Correct Option : 3. A–III, B–II, C–IV, D–I

117. Goa Public Library Act, in the form of library cess, Rs. 0.50/- is levied as surcharge on:

1. **Per bulk liter of beer**
2. Per proof liter of beer
3. Per bulk liter of India made foreign liquor
4. Per over proof liter of India made foreign liquor

Correct Option: 1. Per bulk liter of beer

118. Match the **Information Seeking Behaviour Model (List I)** with the corresponding **Theories (List II):**

List I (Model)	**List II (Theories)**
A. Wilson Model of ISB	1. Process consists of eight sub-processes
B. Dervin's Model of ISB	

C. Kuhlthous Model of ISB
D. Marchionini's Model of ISB

2. Association of feelings, thoughts, and actions but not cognitive
3. Sense-making approach based on situation, gap, and outcome — three key elements
4. Threefold view on information seeking context, system, and information sources

Choose the correct answer from the options given below:

1. **A–IV, B–III, C–II, D–I**
2. A–I, B–II, C–I, D–IV
3. A–I, B–III, C–IV, D–II
4. A–I, B–IV, C–III, D–I

Correct Option : 1. A–IV, B–III, C–II, D–I

119. Which of the following elements are **mandatory** in a **MARC 21 bibliographic record**?

A. Leader
B. Control Field (008)
C. ISBN (020)
D. Title Statement (245)
E. Publisher Statement (260/264)

Choose the correct answer from the options given below:

1. A and B only
2. **A, B, and D only**
3. C and D only
4. A, B, and E only

Correct Option: 2. A, B, and D only

120. Arrange the following **facets of Colon Classification** as per the **sequence in the Facet Formula** of any Main Class:

A. [P]
B. Special
C. [2E] [3P]
D. System
E. [E] [2P]

Choose the correct answer from the options given below:

1. E, B, D, A, C
2. C, D, B, E, A
3. **D, B, A, E, C**
4. D, E, A, C, B

Correct Option: 3. D, B, A, E, C

121. Which of the following are functions of the **National Knowledge Commission (NKC)?**

A. Promote Open Access across the Nation
B. Promote a knowledge-driven society
C. Generate revenue through paid memberships
D. Advise the Government on matters related to higher education
E. Develop a nationwide digital library infrastructure

Choose the correct answer from the options given below:

1. B, C & F only
2. A, C & E only
3. B, C & D only
4. **A, B & D only**

Correct Option: 4. A, B & D only

122. Arrange the correct order in which the following **commissions were set up**:

A. K. Kasturirangan Committee
B. Yashpal Committee
C. Kothari Commission
D. Acharya Ramamurti Committee
E. Hari Gautam Committee

Choose the correct answer from the options given below:

1. D, C, A, B, E
2. C, B, E, A, D
3. D, A, C, E, B
4. **C, D, B, E, A**

Correct Option: 4. C, D, B, E, A

123. According to the **OCLC research report**, *"Know your community and its needs"* is the rephrasing of which law of Ranganathan?

1. First Law
2. Second Law
3. Third Law
4. Fourth Law

Correct Option: 2. Second Law

124. Match the **Knowledge Management Model (List I)** with its respective **approach (List II)**:

List I (KM Model)	**List II (Approach)**
A. Von Krogh and Roos	1. Sense-Making

B. WIIG	2. Synchronize
C. Nonaka and Takeuchi	3. Organizational Epistemology
D. Choo	4. Socialization

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-V, B-II, C-III, D-I
3. **A-III, B-II, C-IV, D-I**
4. A-I, B-III, C-II, D-IV

Correct Option: 3. A-III, B-II, C-IV, D-I

125. Arrange the following **phases of disaster planning** in the appropriate sequence according to guidelines/principles of IFLA:

A. Preparedness
B. Recovery
C. Mitigation
D. Prevention
E. Response

Choose the correct answer from the options given below:

1. A, C, E, D, B
2. **D, C, A, E, B**
3. C, D, E, B, A
4. B, C, D, A, E

Correct Option: 2. D, C, A, E, B

126. Match the **ancient Library (List I)** with its **country (List II):**

List I (Ancient Library)	List II (Country)
A. Bibliotheca Alexandria	I. Rome
B. Library of Ashurbanipal	II. Turkey
C. The Library of Pergamum	III. Iraq
D. Bibliotheca Ulpia	IV. Egypt

Choose the correct answer from the options given below:

1. **A–IV, B–III, C–II, D–I**
2. A–I, B–II, C–III, D–IV
3. A–II, B–IV, C–I, D–III
4. A–III, B–I, C–IV, D–II

Correct Option: 1. A–IV, B–III, C–II, D–I

127. In an organization where a local network uses a non TCP/IP protocol, what is the primary function of a gateway in interfacing with a TCP/IP network?

1. To simply forward traffic without modifying any data.

2. **To act as an interface between both the protocols.**
3. To serve as a passive bridge, linking two networks without any data processing.
4. To provide additional network security by isolating segments without alerting protocols.

Correct Option: 2. To act as an interface between both the protocols.

128. Approximately how many institutions (Indian and overseas both) are presently connected through DELNET?

1. Less than 2,000
2. Between 2,001 and 5,000
3. Between 5,001 and 9,000
4. **More than 9,001**

Correct Option: 4. More than 9,001

129. The 'Cranefield Test,' associated with evaluation of information retrieval systems, was carried out under the direction of:

1. **C.W. Cleverdon**
2. G. Salton
3. D.C. Blair & M.E. Maron
4. E. Voorhees

Correct Option: 1. C.W. Cleverdon

130. Identify the principles for the implementation of the **Canon of Helpful Sequence**:

A. Principle of Spatial Contiguity
B. Principle of Increasing Literary Warrant
C. Principle of Modulation
D. Principle of Enumeration
E. Principle of Management

Choose the correct answer:

1. B and D only
2. C and E only
3. A and D only
4. **A and B only**

Correct Option: 4. A and B only

131. Which of the following organizations has introduced the concept of **"Sister Libraries"** for children and young adults reading?

1. UNESCO

2. Library of Congress
3. IFLA
4. ILA

Correct Option: 3. IFLA

132. Arrange the following **communication models** in chronological order of their introduction:

A. Schramm's Interactive Model
B. Berlo's SMCR Model
C. Riley and Riley
D. Jakobsen's Model
E. Shannon and Weaver Model

Choose the correct answer:

1. **E, A, D, C, B**
2. D, B, A, E, C
3. B, A, E, D, C
4. E, D, B, C, A

Correct Option: 1. E, A, D, C, B

133. Which of the following are the component pillars of 'Knowledge Society' as reflected in UNESCO's *Building Knowledge Societies*?

A. Freedom of expression
B. Internet Governance
C. Quality Education for All
D. Respect for cultural and linguistic diversity
E. Information Society

Choose the correct answer:

1. B, C and E Only
2. A, B and D Only
3. **A, C and D Only**
4. B, D and E Only

Correct Option: 3. A, C and D Only

134. While using incoming server in SSL/TLS encryption, what is the port number for setting up Gmail with MS Outlook Express?

1. **993**
2. 635
3. 587

4. 349

Correct Option: 1. 993

135. Sayers' *Canons of Classification* are simplified into how many principles?

1. 28
2. 24
3. 26
4. **29**

Correct Option: 4. 29

136. Arrange the following in chronological order of their year of occurrence:

A. Introduction of Zero Base Budgeting system
B. MARC project completed
C. Publication of DDC 23rd edition
D. Typological study towards mode of formation of subjects
E. Starting of Browne charging system

Choose the correct answer:

1. C, E, D, B, A
2. A, E, D, B, C
3. B, E, D, A, C
4. **E, D, B, A, C**

Correct Option: 4. E, D, B, A, C

137. What is the primary purpose of the KBART recommended practice by NISO?

1. To standardize library cataloguing procedures
2. To automate interlibrary loan requests
3. **To facilitate the transfer of holdings metadata from content providers to knowledge base suppliers and libraries**
4. To develop digital rights management system for libraries

Correct Option: 3. To facilitate the transfer of holdings metadata from content providers to knowledge base suppliers and libraries

138. Match the following technologies (List I) with their propounder (List II):

LIST-I (Technology)	**LIST-II (Propounder)**
A. Bar Code Technology	I. Ray Theories Ray Tag
B. RFID Technology	II. Sir William Herschel
C. Q.R. Code	III. Normen Joseph, Woodland and Bernard Silver

LIST-I (Technology)	LIST-II (Propounder)
D. Biometric Technology	IV. Denson Wave

Choose the correct option:

1. A-II, B-IV, C-I, D-III
2. A-III, B-I, C-IV, D-II
3. A-IV, B-III, C-I, D-II
4. A-IV, B-I, C-II, D-III

Correct Option: 2. A-III, B-I, C-IV, D-II

139. Which is an AI-powered app by Google that assists users with low or no vision by identifying food labels, images, text, currency, etc.?

1. JAWS
2. **Lookout**
3. AVA
4. Voice Access

Correct Option: 2. Lookout

140. The project under which DSpace-CRIS was originally developed was funded by:

1. University of Illinois — Urbana Champaign
2. Harvard University
3. Hong Kong University
4. Singapore University

Correct Option: 3. Hong Kong University

141. Arrange the steps of the 8 W's Literacy Model in correct order as given by Annette Lamb:

A. Waving
B. Weaving
C. Watching
D. Webbing
E. Wiggling

Choose the correct option:

1. A, C, E, D, B
2. C, E, A, B, D
3. **C, D, E, B, A**
4. B, C, D, A, E

Correct Option: 3. C, D, E, B, A

142. Select the correct combinations:

A. William Martin — Information Society
B. Alvin Toffler — The Third Wave
C. S.C. Bradford — Classification
D. Karl Pearson — Webometrics
E. A.J. Walford — Guide to Reference Material

Choose the correct answer:

1. A, B and E Only
2. A, B and D Only
3. **C, D and E Only**
4. B, D and E Only

Correct Option: 3. C, D and E Only

143. When the user requires almost all relevant literature on a subject such approach is called as:

1. Catching up approach
2. Exhaustive approach
3. Everyday approach
4. Current approach

Correct Option: 2. Exhaustive approach

144. In Colon Classification [P] (Personality) facet of the Main Class J-Agriculture' is made of the following components:
A. Part Array
B. Geographical Device
C. Genus Species Number
D. Utility Array
E. Least Concrete

Choose the correct answer:

1. **D, A & C Only**
2. A, D & E Only
3. B, A & C Only
4. E, D & C Only

Correct Option: 1. D, A & C Only

145. In the context of corporate libraries, what does the term 'Taxonomy' refer to?

1. The classification of employees based on their roles
2. **A system for organizing and categorizing information and content**
3. The financial structure of the organization

4. A method for calculating taxes

Correct Option: 2. A system for organizing and categorizing information and content

146. How many enhancements and bugfixes are in Koha 23.05.03?

1. 3 enhancements and 44 bugfixes
2. 3 enhancements and 41 bugfixes
3. 4 enhancements and 44 bugfixes
4. **4 enhancements and 43 bugfixes**

Correct Option: 4. 4 enhancements and 43 bugfixes

147. Which of the following is an example of a Platform as a Service (PaaS)?

1. **Amazon Web Service (AWS)**
2. **Google App Engine**
3. GoGrid
4. 3 Tera

Correct Option: 1 and 2 is correct As per final answer key

148. In the financial year 2023-24, under which Scheme Ministry of Finance, Government of India has allocated Rs. 5000 crore for development and strengthening of Libraries at ward and village panchayat level?

1. National Mission on Library (NML)
2. Pradhan Mantri Adarsh Gram Yojana (PMAGY)
3. **CAPEX**
4. National Literacy Mission

Correct Option: 3. CAPEX

149. According to Edward Evans, which of the following are work analysis techniques?
A. PERT
B. GANTT Chart
C. Operation Research
D. Cost Effectiveness
E. Cost Benefit Analysis

Choose the correct answer:

1. **B and D are correct**
2. B and C are correct
3. A and C are correct
4. A and E are correct

Correct Option: 1. B and D are correct

150. Select the correct combinations:
A. Wikipedia — Encyclopedia
B. Library Philosophy and Practice — e-journal
C. E-Grantalaya — e-book
D. E-PG Pathshala — Academic Source
E. SheRNI — Software

Choose the correct answer:

1. **A, B and D Only**
2. A, B and E Only
3. B, C and D Only
4. B, D and E Only

Correct Option: 1. A, B and D Only

151. Match the Section of RTI Act (List I) with its Provision in (List II):

List I (Section of Act)	**List II (Provision)**
A. Section 4	IV. Obligation of public authorities
B. Section 6	III. Procedure for requesting information
C. Section 8	I. Exemptions from Disclosure
D. Section 10	II. Penalties for non-compliance

Choose the correct answer:

1. **A-IV, B-III, C-I, D-II**
2. A-III, B-II, C-IV, D-I
3. A-I, B-III, C-II, D-IV
4. A-II, B-IV, C-I, D-III

Correct Option: 1. A-IV, B-III, C-I, D-II

152. Identify the intellectual property related elements in Dublin Core Metadata:
A. Creator
B. Coverage
C. Publisher
D. Rights
E. Place

Choose the correct answer:

1. **A, C and D Only**
2. A, C and E Only
3. B, C and D Only
4. B, D and E Only

Correct Option: 1. A, C and D Only

153. Match Milestone in the history of Open Source Software (List I) with the year (List II):

List I (OSS Milestone)	List II (Year)
A. Richard Stallman formed GNU Project	IV. 1983
B. Creation of Free Software Foundation	III. 1985
C. Development of Linux Kernel by Linus Torvalds	II. 1991
D. Open-Source Initiatives formed by Eric Raymond	I. 1998

Choose the correct answer:

1. **A-IV, B-III, C-II, D-I**
2. A-I, B-IV, C-III, D-II
3. A-III, B-II, C-I, D-IV
4. A-IV, B-I, C-II, D-III

Correct Option: 1. A-IV, B-III, C-II, D-I

154. Name the similarity measure in which similarity of a document is adjusted such that the similarity of a document to itself is 1.

1. Cosine measure
2. Distance measure
3. Swets' measure
4. **Normalised similarity measure**

Correct Option: 4. Normalised similarity measure

155. Which is the fourth stage of Kuhlthau's model for information search process?

1. Exploration
2. Formulation
3. Collection
4. Closure

Correct Option: 2. Formulation

156. Technology Focus' is a periodic publication of:

1. BARC
2. ISRO
3. NIScPR
4. DRDO

Correct Option: 4. DRDO

157. Which of the following are Metadata harvesting tools?

A. OAI-PMH
B. Apache Solr
C. Z39.50
D. SRU/SRW
E. OAI-ORE

Choose the correct answer:

1. A, C & E Only
2. **B, C & D Only**
3. C & D Only
4. A, D & E Only

Correct Option: 2. B, C & D Only

158. Match National Library of different countries (List I) with its year of establishment (List II):

List I (National Library)	**List II (Year of Establishment)**
A. Library of Congress	I. 1912
B. National Diet Library	II. 1948
C. National Library of Germany	III. 1800
D. National Library of Australia	IV. 1960

Choose the correct answer from the options given below:

1. A-II, B-I, C-IV, D-III
2. A-IV, B-III, C-II, D-I
3. **A-III, B-II, C-I, D-IV**
4. A-I, B-IV, C-III, D-II

Correct Option: 3. A-III, B-II, C-I, D-IV

159. Arrange the following Acts in chronological order:

A. Public Records Act
B. Antiquities and Art Treasures Act
C. Right to Information Act (RTI)
D. Indian Treasure Trove Act
E. Ancient Monuments and Archaeological Sites and Remains Act

Choose the correct answer from the options given below:

1. A, B, C, D, E
2. B, D, C, B, A
3. **D, E, B, A, C**
4. C, A, D, B, E

Correct Option: 3. D, E, B, A, C

160. Which of the following are review type services?

A. Current Awareness
B. Trend Reports
C. News Clippings

D. Geographical Sources
E. State of the Art Report

Choose the correct answer from the options given below:

1. C and D Only
2. **B and E Only**
3. B and D Only
4. A and C Only

Correct Option: 2. B and E Only

161. Arrange the following occurrences in chronological ascending order (In year):

A. Dr. S. R. Ranganathan was appointed as National Research Professor of Library Science.
B. First time ILA became the member of IFLA.
C. ASLIB was acquired by MCB group, the holding company for emerald group publishing.
D. International Institute of Documentation changed to International Federation of Documentation.
E. Online Europa Year Book started

Choose the correct answer from the options given below:

1. C, D, B, A, E
2. **D, B, A, E, C**
3. A, D, B, E, C
4. B, D, A, E, C

Correct Option: 2. D, B, A, E, C

162. The Global Open Access Portal (GOAP) is an initiative of:

A. UNESCO
B. IFLA-PAC
C. Indian Statistical Institute
D. Redalyc
E. WIPO

Choose the correct answer from the options given below:

1. A, B & D Only
2. **A, C & D Only**
3. B, D & E Only
4. C, D & E Only

Correct Option: 2. A, C & D Only

163. Which Z39.50 protocol component ensures the searching and retrieval of bibliographic records?

1. BER (Basic Encoding Rules)

2. **BIB-1 Attribute set**
3. MARC 21 Format
4. PURL (Persistent Uniform Resource Locator)

Correct Option: 2. BIB-1 Attribute set

164. Identify Indian patent databases from the list:

A. Patentscope
B. inPASS
C. Patestate
D. KIPO
E. The Lens

Choose the correct answer from the options given below:

1. A and B Only
2. C and D Only
3. D and E Only
4. **B and C Only**

Correct Option: 4. B and C Only

165. Select the correct combinations:
A. Facts on File News Digest
B. World of Learning Directory
C. Concordance Abstract
D. Willing' Press Guide Periodical Directory
E. Books in Print Index

Choose the correct answer from the options given below:

1. A, C and E Only
2. **A, B and D Only**
3. B, C and D Only
4. B, D and E Only

Correct Option: 2. A, B and D Only

166. Which of the following network architectures is associated with IBM?

1. TCP/TP
2. Digital Network Architecture (DNA)
3. **System Network Architecture (SNA)**
4. Xerox Network Systems (XNS)

Correct Option: 3. System Network Architecture (SNA)

167. "Entropy" is a measure of:

1. Degree of relationship of Information
2. Quantity of relevant Information
3. Degree of relevance of Information
4. **Degree of Uncertainty in Information**

Correct Option: 4. Degree of Uncertainty in Information

168. Match the MARC 21 elements (List-I) with corresponding tags (List-II):

LIST-I (Element)	LIST-II (Tag)
A. Personal Main Entry	1. 700
B. Personal Subject Heading	2. 245
C. Personal Added Entry	3. 100
D. Bibliographic Title	4. 600

Choose the correct answer:

1. A-1, B-4, C-2, D-3
2. A-2, B-1, C-3, D-4
3. **A-3, B-4, C-1, D-2**
4. A-4, B-2, C-3, D-1

Correct Option: 3. A-3, B-4, C-1, D-2

169. What is the principal purpose of ISO 25964-2?

1. To define MARC fields for multilingual thesauri.
2. To improve the internal structure of monolingual thesauri.
3. **To support interoperability by mapping between heterogeneous vocabularies.**
4. To translate thesauri into XML format for digital libraries.

Correct Option: 3. To support interoperability by mapping between heterogeneous vocabularies.

170. Which of the following names are associated with post-coordinate indexing?

A. Mortimer Taube
B. Eugene Garfield
C. Calvin Mooers
D. W.E. Batten
E. Jorge E. Hirsch

Choose the correct answer:

1. A, C and E Only
2. B, C and D Only

3. **A, C and D Only**

4.B, D and E Only

Correct Option: 3. A, C and D Only

171. Which of the following best describes the primary objective of the Modern MARC initiative as presented by the Library of Congress?

1. To simplify cataloguing by reducing the number of MARC fields.
2. **To integrate RDA driven changes and enabling modelling linked data.**
3. To replace MARC completely with the BIBFRAME format.
4. To phase out electronic records in favor of printed only catalogue.

Correct Option: 2. To integrate RDA driven changes and enabling modelling linked data.

172. Which of the following are the necessary elements of an information society?

A. Confidentiality
B. Vulnerability
C. Integrity
D. Availability
E. Dishonesty

Choose the correct answer:

1. B, C and D Only
2. A, D and E Only
3. B, C and E Only
4. **A, C and D Only**

Correct Option: 1. A, C and D Only

173. Match RSS feed components (List I) with their respective functions (List II):

List I (RSS Component)	**List II (Function)**
A. Channel	I. Multimedia file (audio/video) attachment
B. Item	II. Unique ID for each entry
C. Enclosure	III. Container of overall feed metadata
D. GUID	IV. Individual entry/article in a feed

Choose the correct answer:

1. A-I, B-II, C-IV, D-III
2. A-III, B-I, C-II, D-IV
3. **A-III, B-IV, C-I, D-II**
4. A-II, B-II, C-IV, D-I

Correct Option : 3. A-III, B-IV, C-I, D-II

174. Which Section of AACR-II (R) deals with serial publications?

1. **Part-A, Section - 12**

2. Part-B, Section - 12
3. Part-A, Section - 3
4. Part-B, Section - 3

Correct Option : 1. Part-A, Section - 12

175. How many core questions are provided in LibQUAL survey?

1. 18
2. 20
3. 22
4. 24

Correct Option: 3. 22

176. An academic librarian is tasked with implementing AI-driven services in a university library. Which of the following tools or technologies should they prioritize?

A. Machine Learning models for circulation forecasting
B. AI-enabled virtual reference assistants
C. Facial recognition for access control of stacks
D. Auto-tagging of digital resources using NLP
E. Manual classification schemes like DDC

Choose the correct answer:

1. **A, B & D Only**
2. B, C & D Only
3. C, D & E Only
4. A, C & E Only

Correct Option: 1. A, B & D Only

177. Match the Library (List I) with its University/Institution of establishment (List II):

List I (Library)	List II (University/Institution)
A. Saraswati Bhawan Library	I. Tata Institute of Social Science
B. Sir Dorabji Tata Memorial Library	II. University of Hyderabad
C. Ratan Tata Library	III. Sampoornanand Sanskrit University
D. Indira Gandhi Memorial Library	IV. University of Delhi

Choose the correct answer:

1. A-II, B-IV, C-III, D-I
2. **A-III, B-I, C-IV, D-II**
3. A-IV, B-II, C-I, D-III
4. A-II, B-III, C-I, D-IV

Correct Option: 2. A-III, B-I, C-IV, D-II

178. Match the description of research (List I) with its corresponding research methodology Term (List II):

List I (Description)	List II (Research Term)
A. In-depth exploration of a specific case or phenomenon. B. Systematic investigation to establish relationships between variables C. Gathering information from a population through questionnaires or interviews. D. Using numerical data and statistical analysis to draw conclusions	1. Quantitative Research 2. Survey Research 3. Qualitative Research 4. Case Study

Choose the correct answer:

1. **A-III, B-I, C-II, D-IV**
2. A-I, B-III, C-IV, D-II
3. A-II, B-IV, C-III, D-I
4. A-IV, B-II, C-I, D-III

Correct Option: Deleted Question

179. How many core questions are provided in LibQUAL survey?

1.18

2.20

3.22

4.24

Correct Option: 3. 22

180. Online search in which all aspects of the records in natural language may be used as sought terms is called:

1. Multi aspect search
2. **Free text searching**
3. Streaming search
4. Alphabetical collateral search

Correct Option: 2. Free text searching

181. According to S.R. Ranganathan, "wherever telescoping of array is done, the canon of hierarchy is violated. This violation is deliberately done to satisfy":

1. Law of Symmetry
2. Law of Osmosis
3. Law of Parsimony

4. Law of Impartiality

Correct Option: 3. Law of Parsimony

182. Which of the following are non-parametric tests?
A. ANOVA test
B. Spearman correlation coefficient
C. Z test
D. Chi-Square test
E. Kruskal-Wallis test

Choose the correct answer:

1. A, B and C are correct
2. B, C and D are correct
3. A, C and E are correct
4. **B, D and E are correct**

Correct Option: 4. B, D and E are correct

183. In modern library environments, CAS (Current Awareness Services) is increasingly integrated with:

1. **Linked Open Data and RSS feeds**
2. Z39.50 cataloging systems
3. AACR2 descriptive cataloguing rules
4. MARC21 bibliographic format

Correct Option: 1. Linked Open Data and RSS feeds

184. What is the annual subscription amount of Journal of Indian Library Association (TTLA) for its individual online subscription?

1. **₹1,000/-**
2. ₹2,000/-
3. ₹2,500/-
4. ₹3,000/-

Correct Option: 1. ₹1,000/-

185. Characteristic in which information tends to leak and the more it leaks, the more we have, is:

1. Synergetic characteristics
2. Diffusive characteristics
3. Compressible characteristics
4. Shareable characteristics

Correct Option: 2. Diffusive characteristics

186. As per the Annexure of Colon Classification, 6th Revised Edition, in the Main Class V (History), a Isolate whose number ends with "19" is designated as a Host Class. In the Facet Formula of Host Class V:19°, [P], [P2] represent:

1. [P] - Enumeration & (SD), [P2] - (GD)
2. [P] - (GD), [P2] - Enumeration & (SD)
3. [P] - (CD), [P2] - (GD)
4. [P] - (CD), [P2] - Enumeration & (GD)

Correct Option: 2. [P] - (GD), [P2] - Enumeration & (SD)

187. Arrange the Directors of National Library, Kolkata in ascending order of their posting:
A. Sudhendu Mandal
B. A. R. Bandyopadhyay
C. D. N. Banerjee
D. Harjit Singh
E. S. K. Chakravarti

Choose the correct answer:

1. B, C, D, A, E
2. D, A, C, E, B
3. **C, D, B, E, A**
4. B, C, A, D, E

Correct Option: 3. C, D, B, E, A

188. Match List I with List II in the context of Information Retrieval System:

LIST-I	**LIST-II**
A. Semantic Search Engine	1. Latent Semantic Indexing
B. Boolean Operators	II. Cognitive Model
C. Knowledge Retrieval Systems	III. Digital Logic
D. Algebraic IR Model	IV. Wolfram Alpha

Choose the correct answer:

1. A-I, B-III, C-II, D-IV
2. A-III, B-IV, C-II, D-I
3. **A-IV, B-III, C-II, D-I**
4. A-II, B-IV, C-III, D-I

Correct Option: 3. A-IV, B-III, C-II, D-I

189. The process of surrogating, repackaging and compaction of the primary literature that results in creation of secondary journals, is:

1. Newsletter
2. House Journals
3. Electronic Journals
4. **Abstracting and Indexing Periodical**

Correct Option: 4. Abstracting and Indexing Periodical

Comprehension:

Read the following passage and answer the question:

The first significant date in the development of libraries for the public in India is 1808 when the Bombay Government initiated a proposal to register libraries which were to be given copies of books published from the "Funds for the Encouragement of Literature". By the middle of the 19th century, the three presidency towns of Bombay, Calcutta and Madras had their "public libraries™, founded mostly with the active support and initiative of the Europeans in these towns. They were, of course, not public libraries in the full sense of the term. Founded in imitation of their western counterparts, the use of these libraries was confined to a thin upper layer of society. Besides, they were subscription libraries and not free libraries, which alone can, now-a- days, lay claim to the title of public libraries. The movement spread to the vast "hinterland™ beyond the metropolises and grew particularly strong in the last two decades of the 19th century. By the end of the century, all the provincial capitals and even many of the district towns, at least in the three Presidencies. had their "public libraries". Even some of the Princely States, like Indore and Travancore-Cochin, had the distinction of having public libraries in their capitals. The shortcomings of the libraries in the three metropolises, mentioned above, ching to the provincial, suburban and "mofussil" libraries as well. Due to apathy and the prevailing illiteracy in the country, the people were not prepared to take advantage of these institutions.

190. What factor significantly contributed to the spread of libraries in the last two decades of the 19th century?

1. Increased government funding for literature.
2. **Expansion beyond metropolitan areas.**
3. Decrease in illiteracy rates
4. Direct imitation of western library models.

Correct Option: 2. Expansion beyond metropolitan areas.

191. What primary characteristic differentiated early libraries in the presidency towns from modern public libraries?

1. They were funded by private donations.
2. **They were subscription based rather than free.**
3. They exclusively served Europeans.
4. They were exclusively located in the hinterland.

Correct Option: 2. They were subscription based rather than free.

192. According to the passage, what was a significant limitation faced by libraries in the provincial, suburban, and 'mofussil' areas?

1. They lacked government support.
2. They were unable to attract European patrons.
3. **They mirrored the shortcomings of metropolitan libraries.**
4. They had an overabundance of library materials.

Correct Option: 3. They mirrored the shortcomings of metropolitan libraries.

193. Which of the following statements is implied but not directly stated in the passage regarding public libraries in the 19th century?

1. They were initially designed to cater to all social classes equally.
2. The libraries in the Princely States were more advanced than those in metropolitan areas.
3. **The early libraries often struggled due to the prevailing apathy and illiteracy among the populace.**
4. Library usage increased significantly in the early years due to government intervention.

Correct Option: 3. The early libraries often struggled due to the prevailing apathy and illiteracy among the populace.

194. How did the early libraries in the presidency towns primarily serve the population according to the passage?

1. They were open to all socio-economic classes without charges.
2. They were accessible to a broad section of the society with subscription fee.
3. **They primarily catered to a narrower upper layer of society.**
4. They were managed by a local government and free of use.

Correct Option: 3. They primarily catered to a narrower upper layer of society.

Comprehension:

Read the following passage and answer the question:

Integration of technology facilitates access to information and ideas by incorporating new digital technologies into the library environment. The public library today provides unprecedented community access to a wide variety of digital media, computer technology, and online services for reading, reference, research, entertainment, and communication. Historically, the technological development of traditional print media to meet an ever-increasing market demand correlated directly with the problem of growing library collections, and how best to house them. The evolution of reading materials from scroll to codex to book, papyrus to vellum to paper, and manuscript to print, gave rise to the parallel! development of the library facility itself, from carrel to lectern to alcove to hall, and beyond. Quantitatively. increases in the capacity of libraries over time were dramatic, with volumes in large collections numbering in the hundreds in medieval times, the tens

of thousands in the Renaissance era, and millions today. In the late twentieth century, the introduction of new digital media continued to expand this capacity, while offering the potential of reducing the physical size of collections and, subsequently, the library facility itself. Today, the public library provides access to a combination of traditional print and new digital media, which are complementary to one another, rather than mutually exclusive. In addition to books, magazines, and newspapers, the library offers a wide selection of digital media available on disk or for downloading, including e-books, books on tape, CDs, and DVDs. For Internet access, personal computers are available to the public at dedicated stations, which are centrally located in open, common areas of the library. Wi-Fi services for laptop computers and other portable electronic devices provide additional remote access to the Internet in other non- dedicated areas of the library.

195. Based on the passage, what might be a reason for the introduction of new digital media in libraries in the late twentieth century?

1. To reduce the financial costs associated with maintaining large physical collections.
2. **To decrease the physical size of collections while expanding library capacity.**
3. To replace all traditional print media with digital alternatives.
4. To limit public access to reading and research materials.

Correct Option: 2. To decrease the physical size of collections while expanding library capacity.

196. What inference can be made about the relationship between traditional print media and digital media in modern libraries?

1. Digital media has completely replaced traditional print media.
2. **Traditional media and digital media are considered complementary resources.**
3. Libraries have phased out traditional print media in favor of digital media.
4. Digital media has reduced the importance of traditional print collection.

Correct Option: 2. Traditional media and digital media are considered complementary resources.

197. Considering the historic context provided, why might libraries have developed from smaller to larger facilities over time?

1. The technological advancement in print media required more space for storage.
2. The introduction of digital media led to the need for larger physical spaces.
3. **The increase in market demand for books decreased the need for larger facilities.**
4. The physical space required for scrolls was significantly more than for books.

Correct Option: 3. The increase in market demand for books decreased the need for larger facilities.

198. Which of the following best describes the correlation between the evolution of reading materials and library facilities?

1. The transition from scroll to codex led to the development of digital libraries.
2. **The shift from papyrus to vellum to paper influenced the design of carrels, lecterns, alcoves, and halls.**

3. The advancement from manuscript to print media necessitated smaller library space.
4. The increase in library volumes from hundreds to millions directly led to digital media usage.

Correct Option: 2. The shift from papyrus to vellum to paper influenced the design of carrels, lecterns, alcoves, and halls.

199. Why might the combination of WiFi services and dedicated computer stations be significant for modern library users?

1. It ensures that only patrons with portable devices can access the internet.
2. It allows users to access the internet from various locations within the library.
3. It restricts internet access to specific areas, ensuring a quieter study zone.
4. It replaces the need for physical media collection within the library.

Correct Option: 2. It allows users to access the internet from various locations within the library.

200. Match the Canons of Classification (List I) with the number of associated Canons (List II):

List I (Name of Canon)	**List II (No. of Canons)**
A. Canons of Idea Plane	I. 14
B. Canons of Verbal Plane	II. 3
C. Canons of Notational Plane	III. 15
D. Canons of Book Classification	IV. 24

Choose the correct answer from the options given below:

1. A-III, B-III, C-I, D-IV
2. **A-III, B-I, C-IV, D-II**
3. A-IV, B-II, C-III, D-I
4. A-III, B-IV, C-II, D-I

Correct Option: 2. A-III, B-I, C-IV, D-II